

Fig. 1

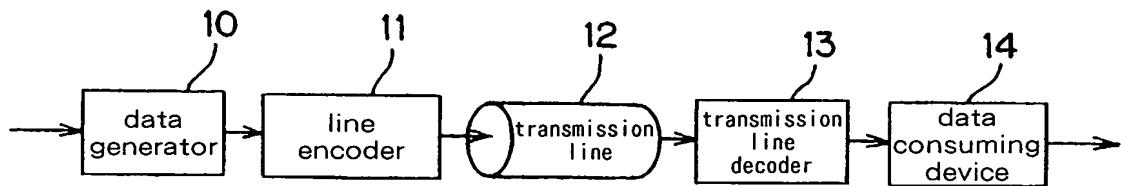


Fig. 2

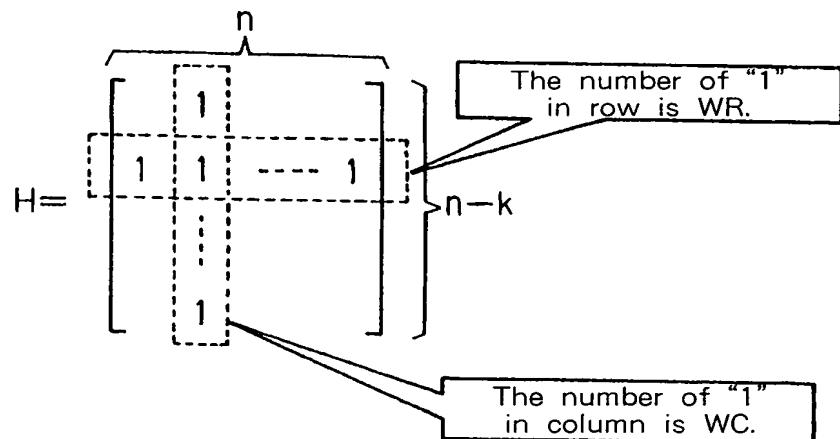


Fig. 3A

$$H = \begin{bmatrix} 1 & 1 & 1 & 1 & 0 & 1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 & 1 & 1 & 1 & 1 & 0 & 0 \\ 0 & 1 & 0 & 1 & 0 & 1 & 0 & 1 & 1 & 1 \\ 1 & 0 & 1 & 0 & 1 & 0 & 0 & 1 & 1 & 1 \\ 1 & 1 & 0 & 0 & 1 & 0 & 1 & 0 & 1 & 1 \end{bmatrix}$$

Application of TIZO SENDAI
PARITY CHECK MATRIX GENERATION
METHOD, DATA TRANSMISSION SYSTEM,
ENCODING DEVICE, DECODING DEVICE,
AND A PARTIY CHECK MATRIX GENERATION
PROGRAM
Assignee: NEC CORPORATION
Attorney Docket No. Q95983
July 19, 2006

Fig. 3B

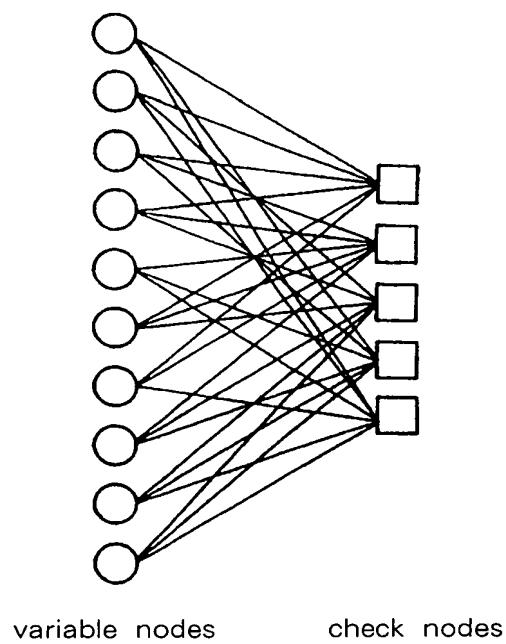


Fig. 4

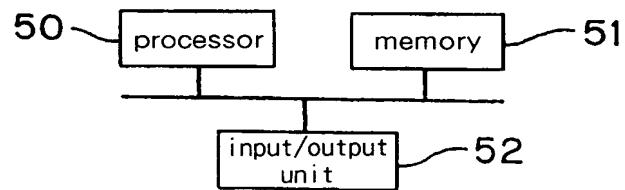


Fig. 5

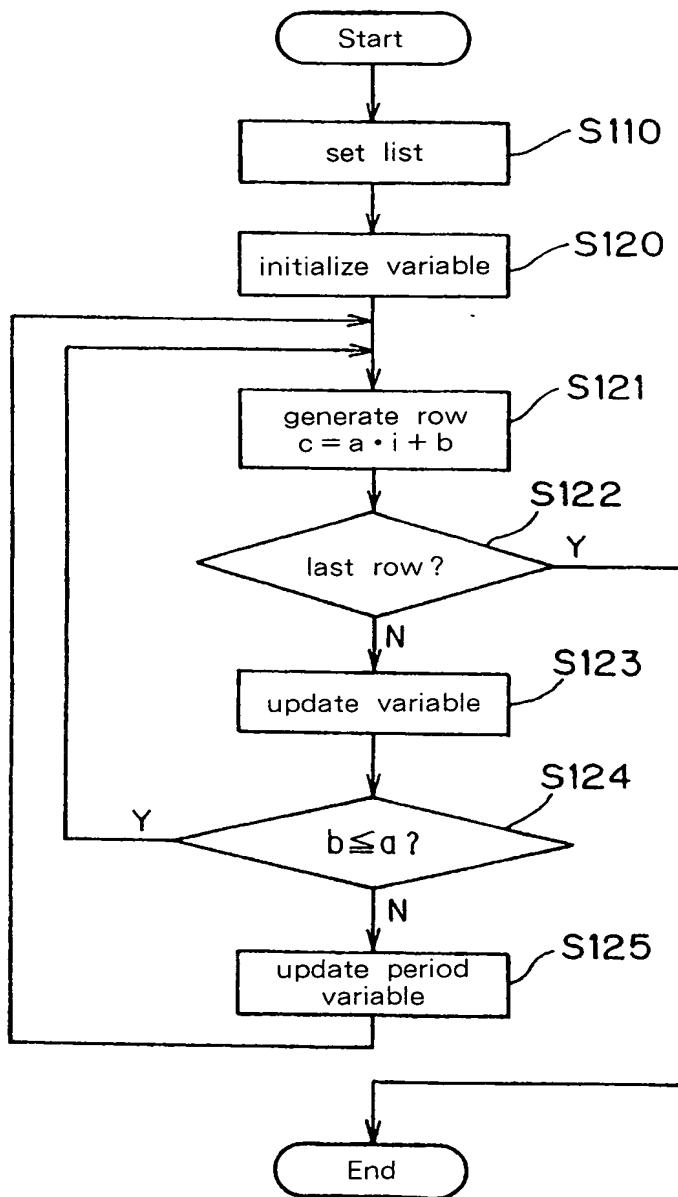


Fig. 6

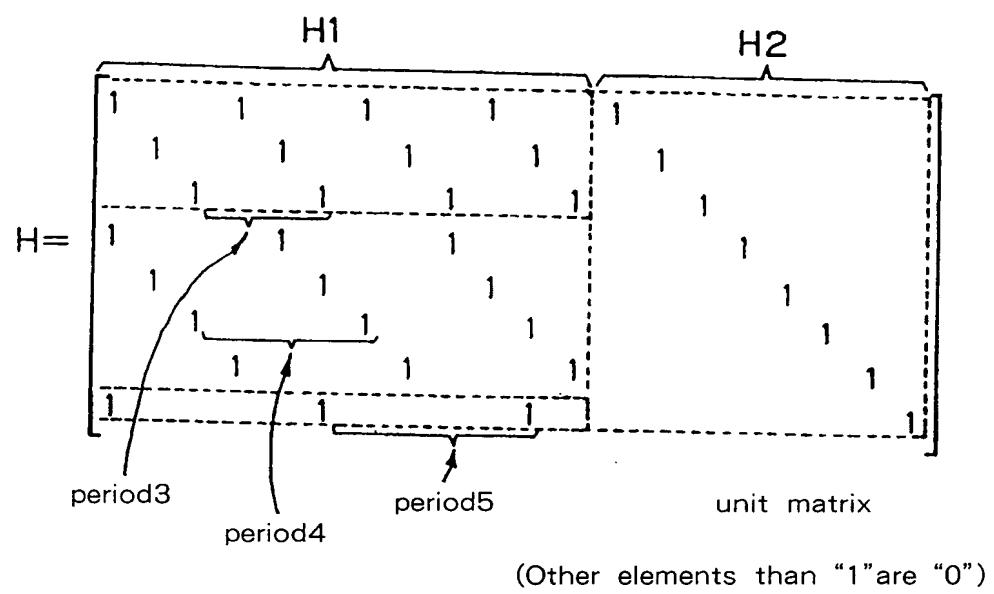


Fig. 7

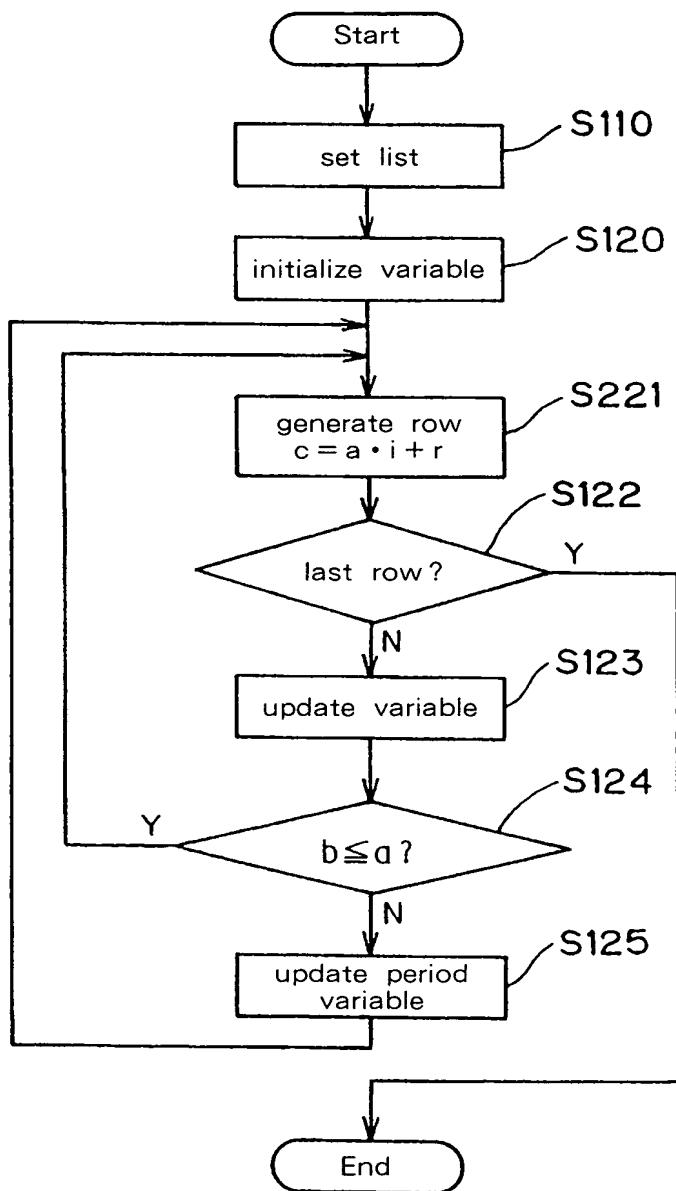


Fig. 8

$$H = \begin{bmatrix} H_1 & \\ & H_2 \end{bmatrix}$$

period4 lower triangular matrix period5

(Other elements than "1"are "0")

Fig. 9

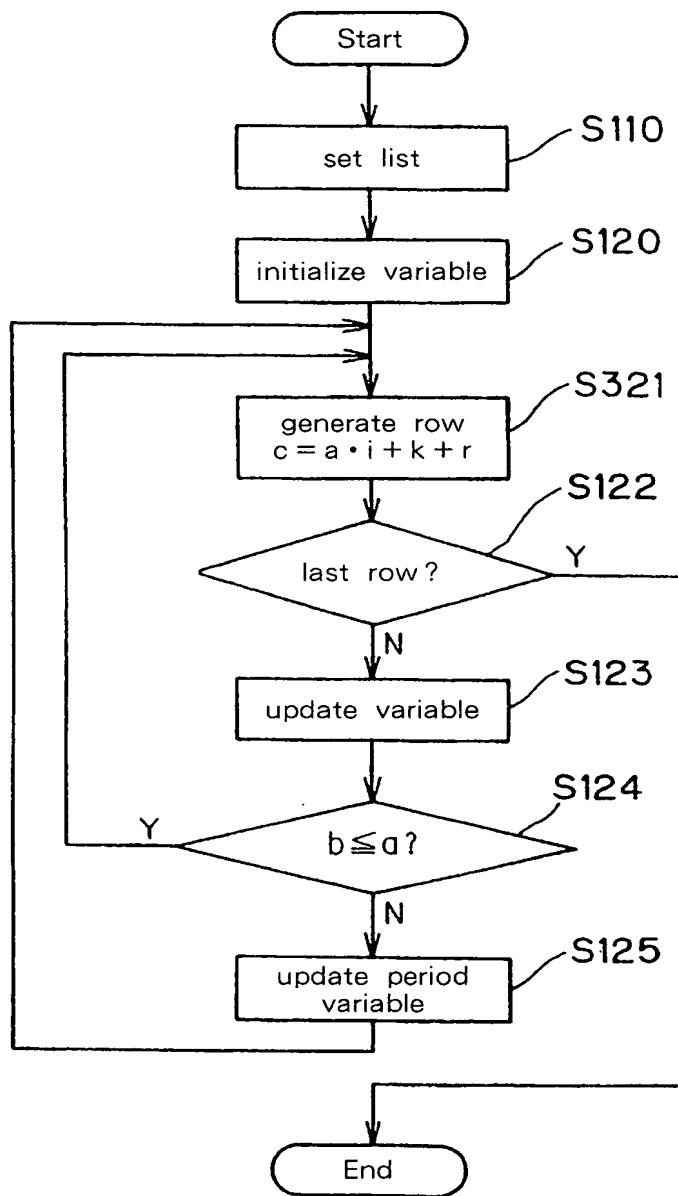


Fig. 10

